

Title (en)  
EXTERNAL PROTECTION DEVICE FOR VEHICLES AND HEADS

Title (de)  
AUSSENSCHUTZVORRICHTUNG FÜR FAHRZEUGE UND KÖPFE

Title (fr)  
DISPOSITIF DE PROTECTION POUR VÉHICULES ET TÊTES

Publication  
**EP 3686098 A1 20200729 (EN)**

Application  
**EP 17917521 A 20170710**

Priority  
CO 2017000004 W 20170710

Abstract (en)  
In a first aspect, the present invention relates to a rigid and aerodynamic device for external protection for motorcycle and bicycle vehicles with 2 to 4 wheels. This removable dome type device is formed by multiple overlapping panels that form an oval shell type structure, which protects both the vehicle and the pilot from external weather conditions and physical damage in the event of a collision. In a second aspect, the present invention describes a rigid and aerodynamic outer protection device for the head formed by multiple overlapping panels that form an oval shell-shaped structure, which protects the user's skull from external weather conditions and physical damage.. In case of collision.

IPC 8 full level  
**B62J 17/00** (2020.01); **A42B 3/32** (2006.01); **B62J 17/08** (2020.01)

CPC (source: EP US)  
**A42B 3/32** (2013.01 - US); **B62J 17/08** (2013.01 - US); **B62J 17/083** (2020.02 - EP US); **B62J 17/086** (2020.02 - EP);  
**B62J 17/10** (2020.02 - EP US); **B62J 27/00** (2013.01 - EP US); **A42B 3/322** (2013.01 - EP); **B62L 1/00** (2013.01 - EP); **Y02T 10/82** (2013.01 - EP)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3686098 A1 20200729**; **EP 3686098 A4 20210616**; US 11479316 B2 20221025; US 2020277015 A1 20200903;  
WO 2019011354 A1 20190117

DOCDB simple family (application)  
**EP 17917521 A 20170710**; CO 2017000004 W 20170710; US 202016738588 A 20200109